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[54] **LYSOSOMAL PROTEINS PRODUCED IN THE MILK OF TRANSGENIC ANIMALS**

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[57]

ABSTRACT

The invention provides transgenic nonhuman mammals producing phosphorylated lysosomal proteins in their milk, and methods of generating the same. Phosphorylation occurs at the 6' position of a mannose side chain residue. Also provided are methods of purifying lysosomal proteins from milk, and incorporating the proteins into pharmaceutical compositions for use in enzyme replacement therapy.

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